

Lieferprogramm



Werkzeughalter Zusatzeinrichtungen TORNOS

Siemensstraße 6
71299 Wimsheim
Telefon: +49 7044 9061-0
Telefax: +49 7044 9061-61
E-Mail: info@llang.de

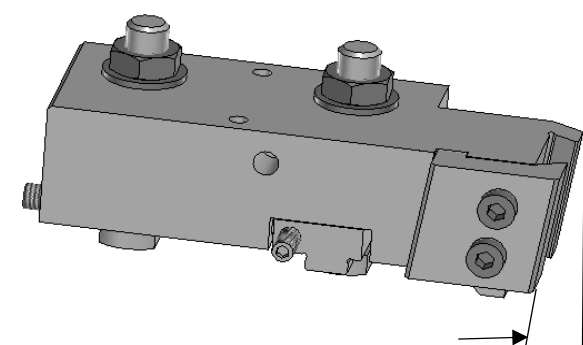
Prismen-Stahlhalter

A484500

AS14 - SAS16 Lage 3-4-5
BS20 Lage 3-4-7
AS30/25

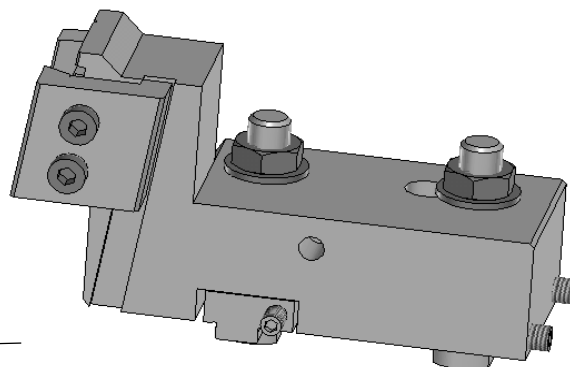
A484600

AS14 - SAS16 Lage 1-2
BS20 Lage 1-2-5-6
AS30/26



Aufnahme AWN22

8°



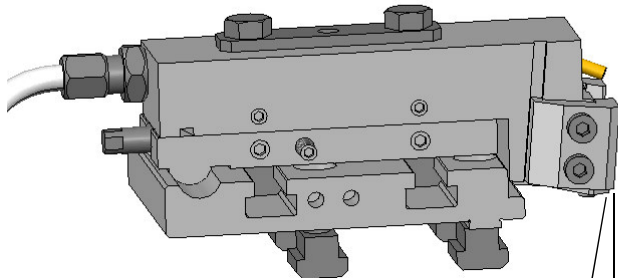
Werkzeughalter voreinstellbar mit Hochdruckanschluß

A267200

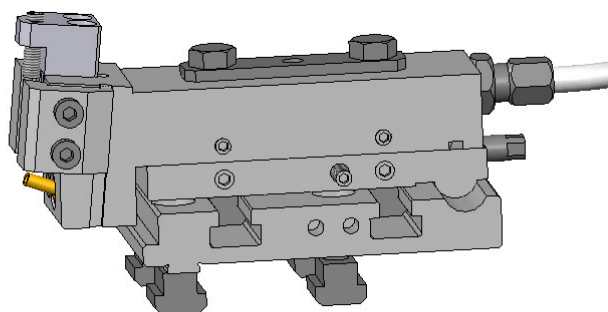
AS14 - SAS16 Lage 1-2
BS20 Lage 1-2-5-6

A267300

AS14 - SAS16 Lage 3-4-5
BS20 Lage 3-4-7



6°



Aufnahmen:	Klemmstück:
AWN20	880706
AWN24,5	880702
AWN28	880704
AWN24,15	880705
AWN22	880708

Grundplatte A297900

AS14-SAS16-BS20 Lage 1

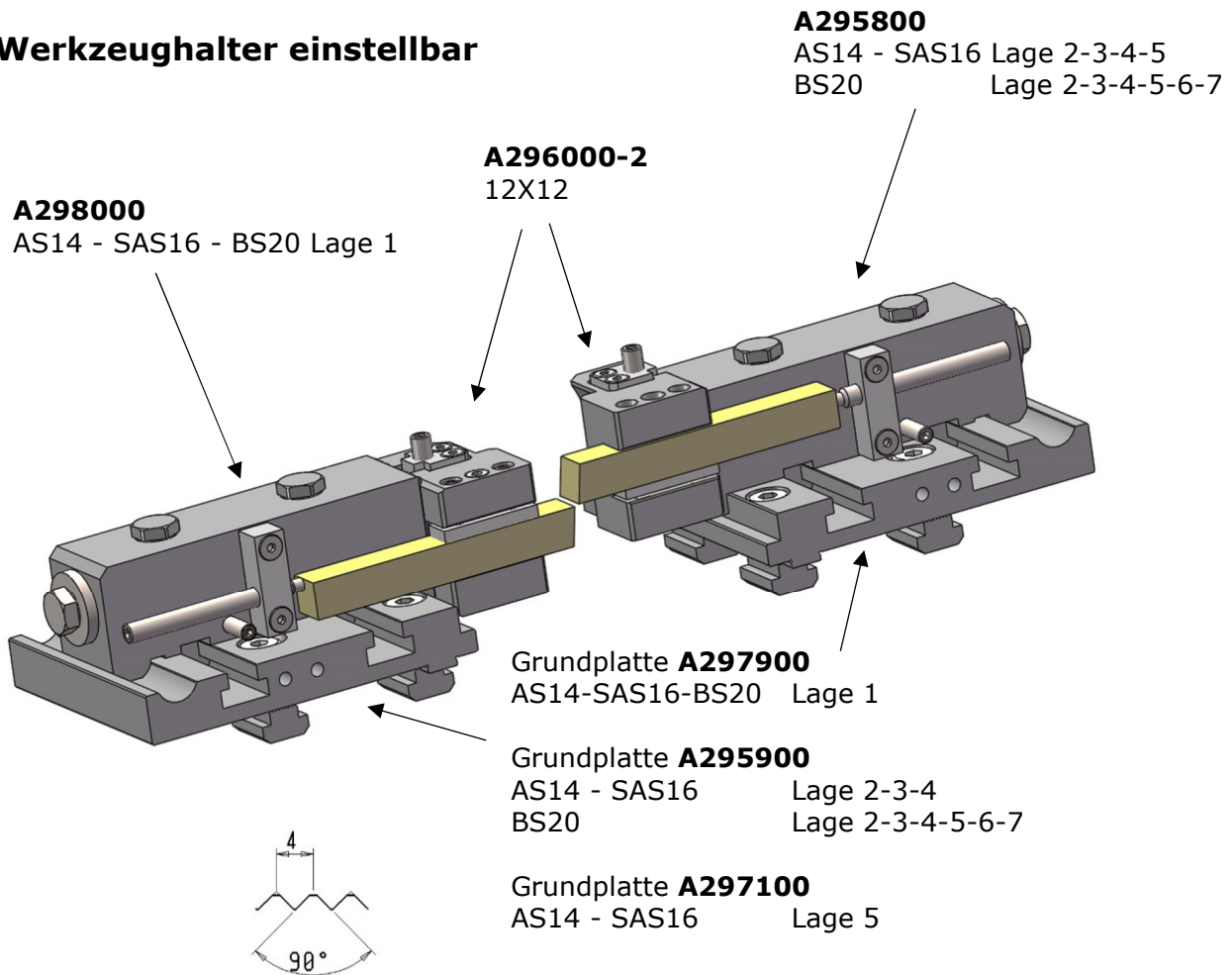
Grundplatte A295900

AS14 - SAS16 Lage 2-3-4
BS20 Lage 2-3-4-5-6-7

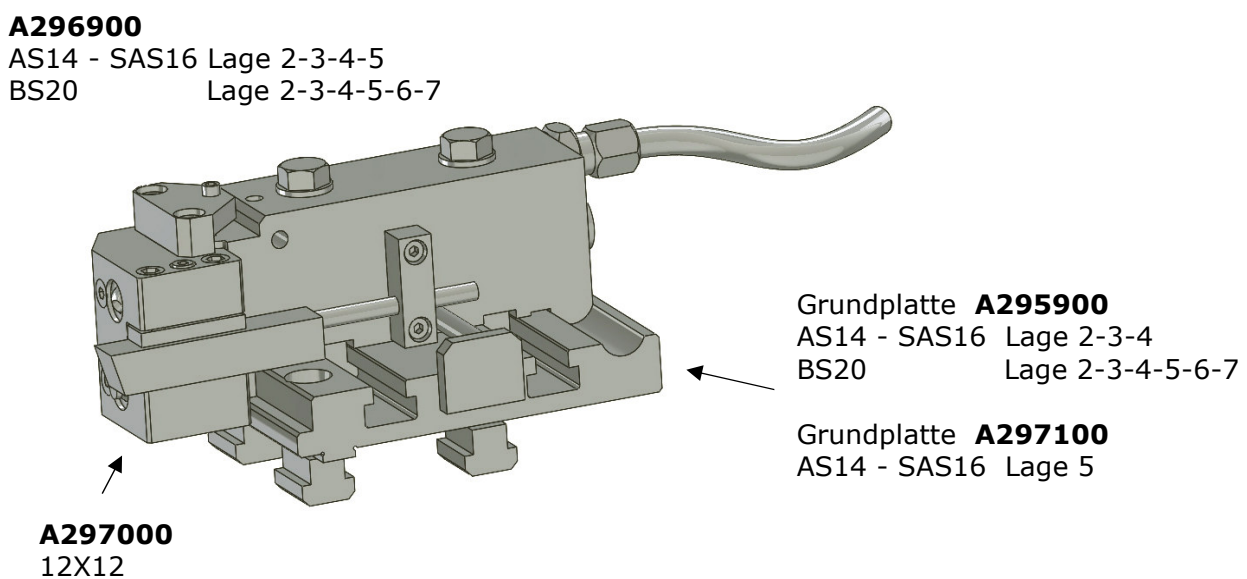
Grundplatte A297100

AS14 - SAS16 Lage 5

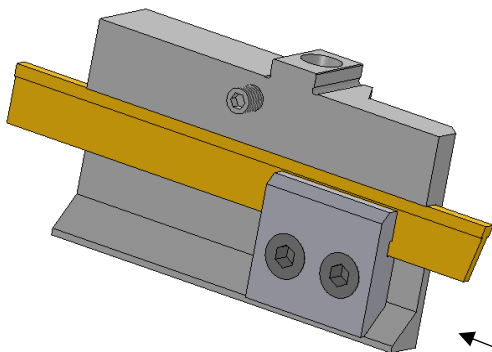
Werkzeughalter einstellbar



Werkzeughalter einstellbar mit direkter Werkzeugkühlung



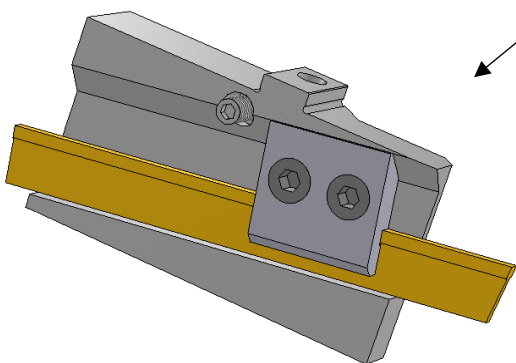
Abstechhalter



8011800

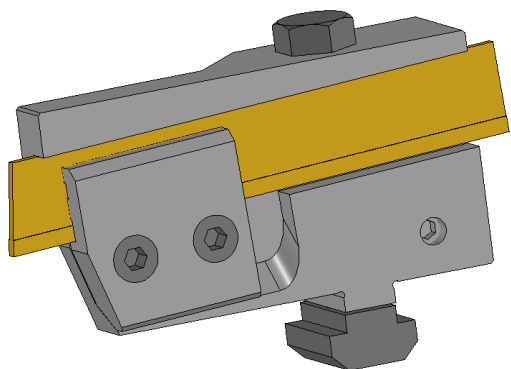
AS14 - SAS16
Abstechklinge Empire 12 mm
für Messing/Alluminium

wird an Original-Tornos-Stütze
AS 14789 befestigt



8011000

AS14 - SAS16
Abstechklinge Empire 12 mm
geneigt 8°, für Stahl

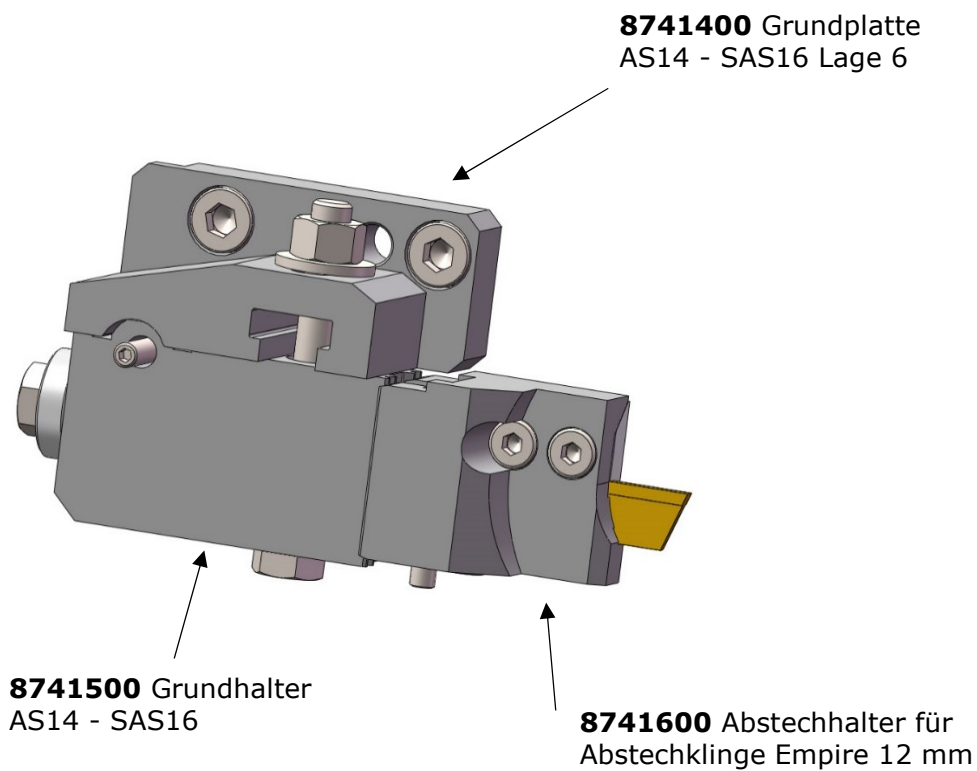


8011200

BS20
Abstechklinge Empire 12mm
geneigt 3°

Einstelllehre für Abstechklingen
8011003

Abstechhalter mit Schnellwechselsystem



Kompletter Abstechhalter

8741500A

inklusive:

Grundplatte 8741400

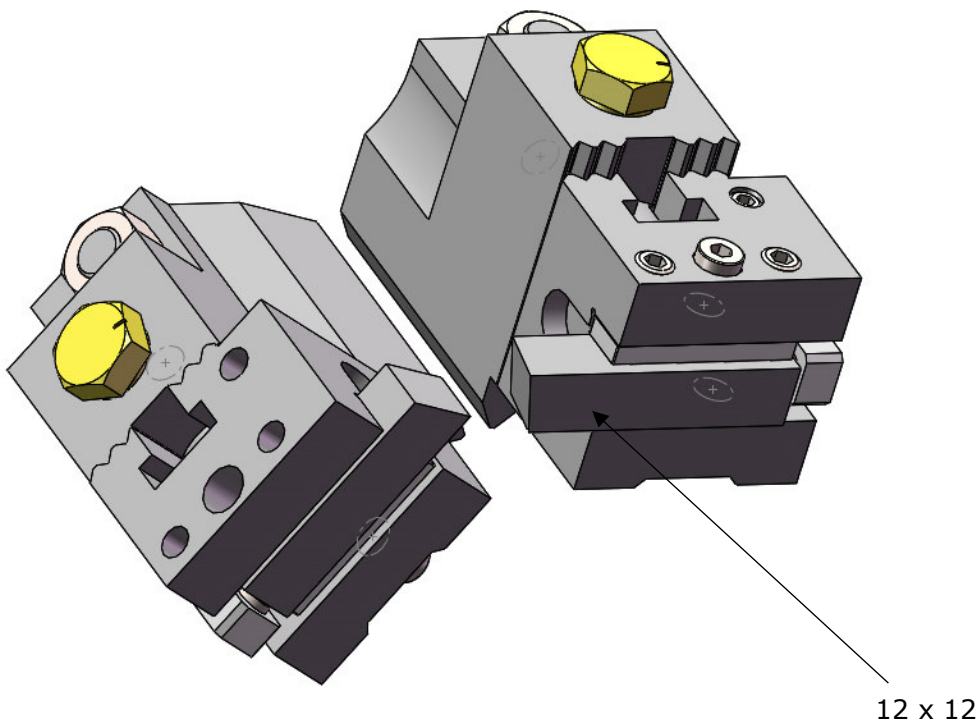
Grundhalter 8741500

Abstechhalter 8741600

Langdrehwerkzeughalter auf Zentralschlitten

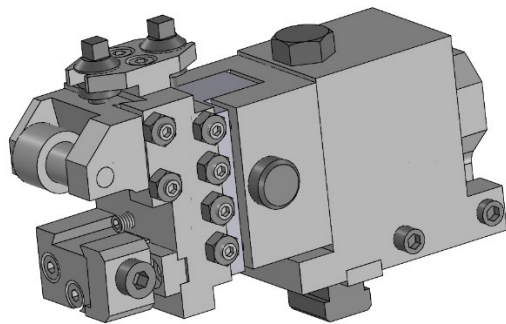
9514600

AS14 SAS16 Lage 1-2-3-4-5
AS30/93 - AS30/92



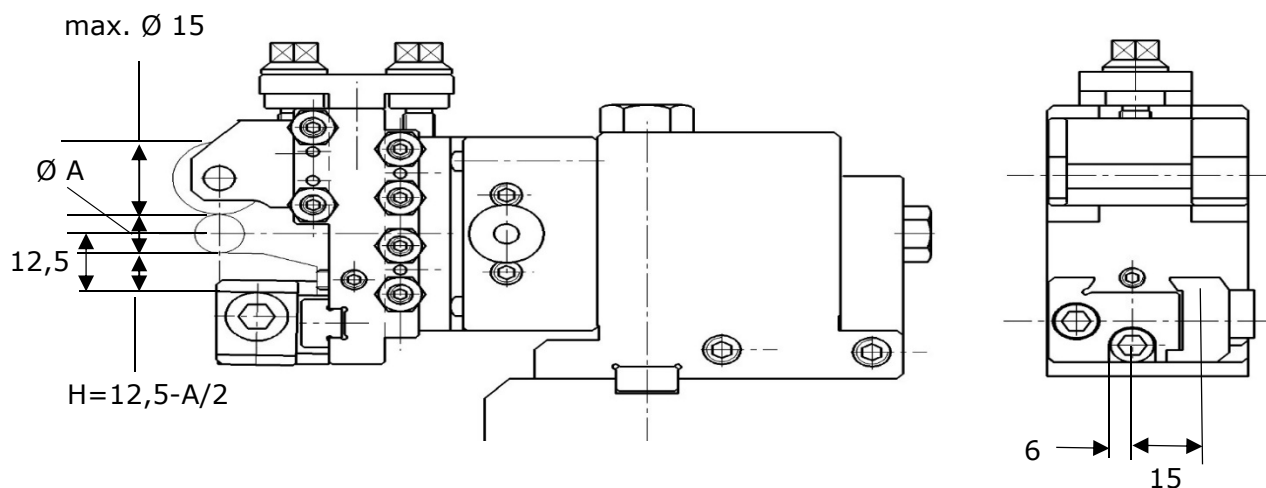
Kalibrierwerkzeug für kleine Durchmesser

Speziell entwickelt für Durchmesser unter 10 mm

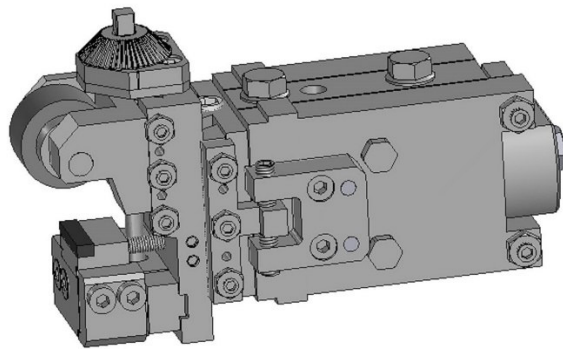


7610600

AS14 - SAS16 Lage 3	A max. = 7 mm
AS14 - SAS16 Lage 4-5	A max. = 10 mm
BS20 Lage 2-3-4-5-6-7	A max. = 10 mm



Kalibrierwerkzeug

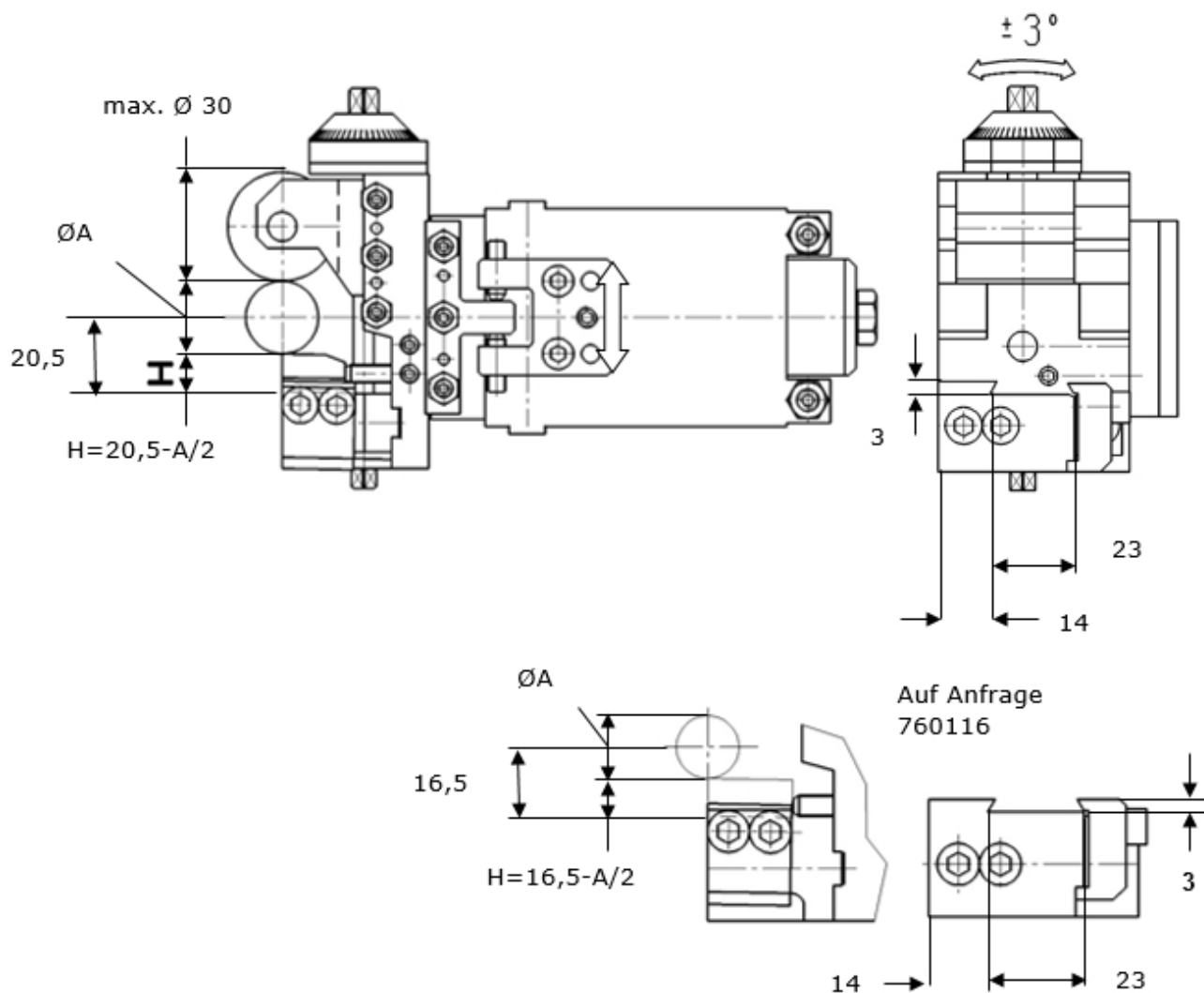


766900

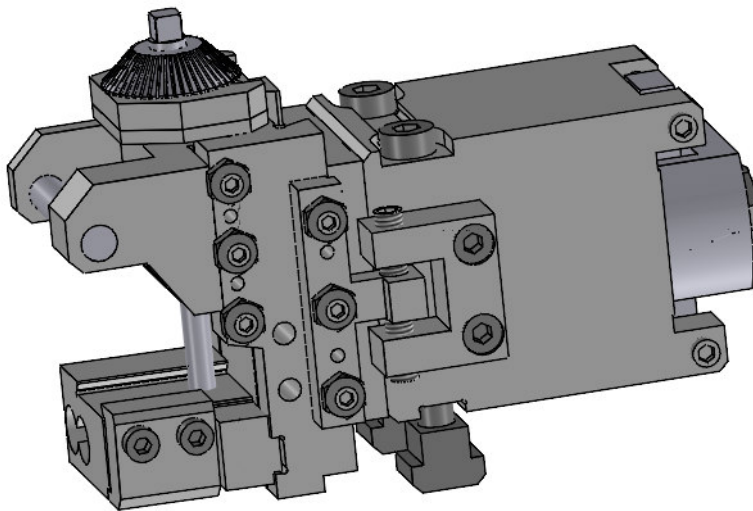
AS14 - SAS16 Lage 5
A max. = 22 mm

7616300

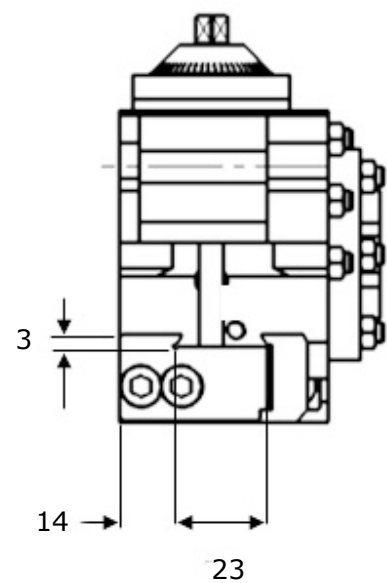
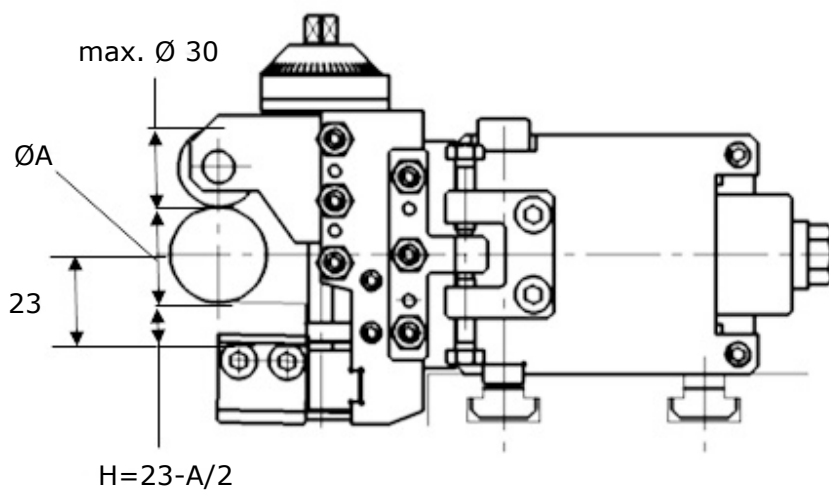
BS20 Lage 7
A max. = 22 mm



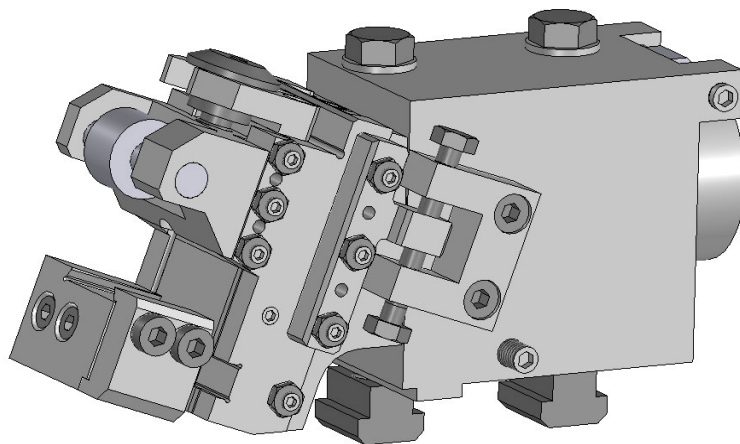
Kalibrierwerkzeug



7615600-1
BS20 Lage 5-6-7
A max. = 25 mm



Kalibrierwerkzeug 20°



766800-1

AS14 - SAS16 Lage 3

A max. = 10 mm

D max. = 14 mm

AS14 - SAS16 Lage 4-5

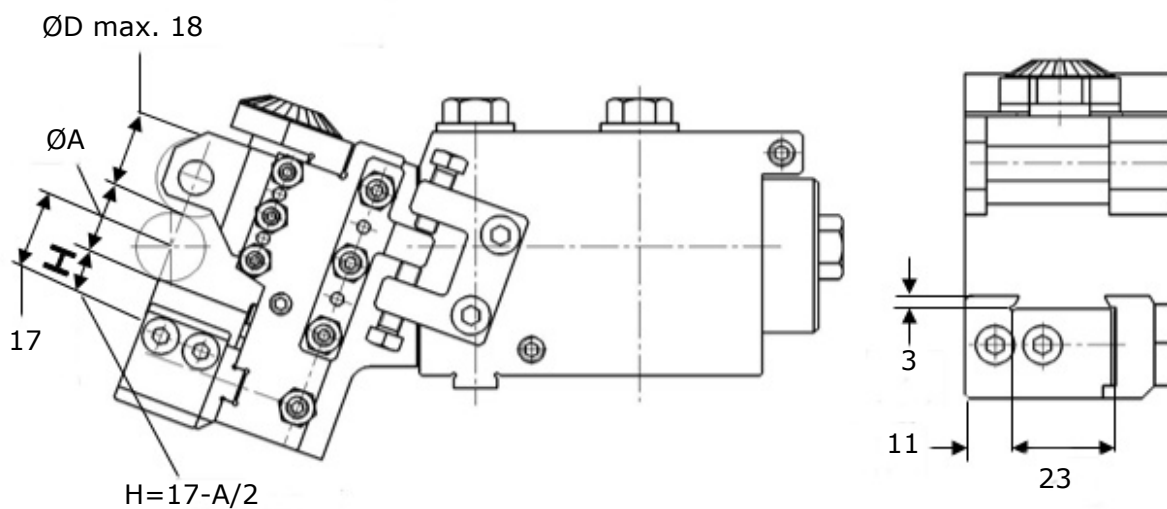
A max. = 16 mm

D max. = 18 mm

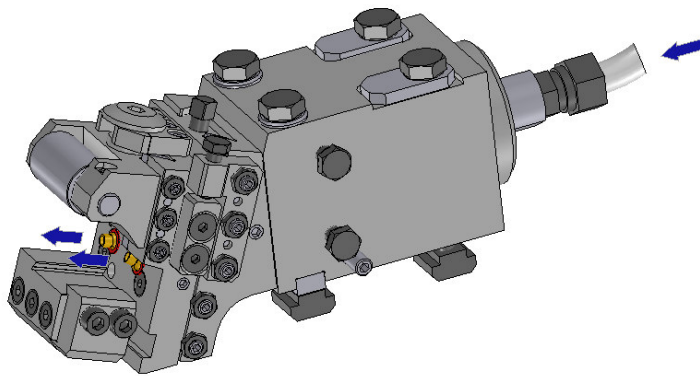
BS20 Lage 3-4-7

A max. = 16 mm

D max. = 18 mm



Kalibrierwerkzeug 20° mit Kühlmittelanschluß



7619500

AS14 - SAS16 Lage 3

A max. = 10 mm

D max. = 14 mm

AS14 - SAS16 Lage 4-5

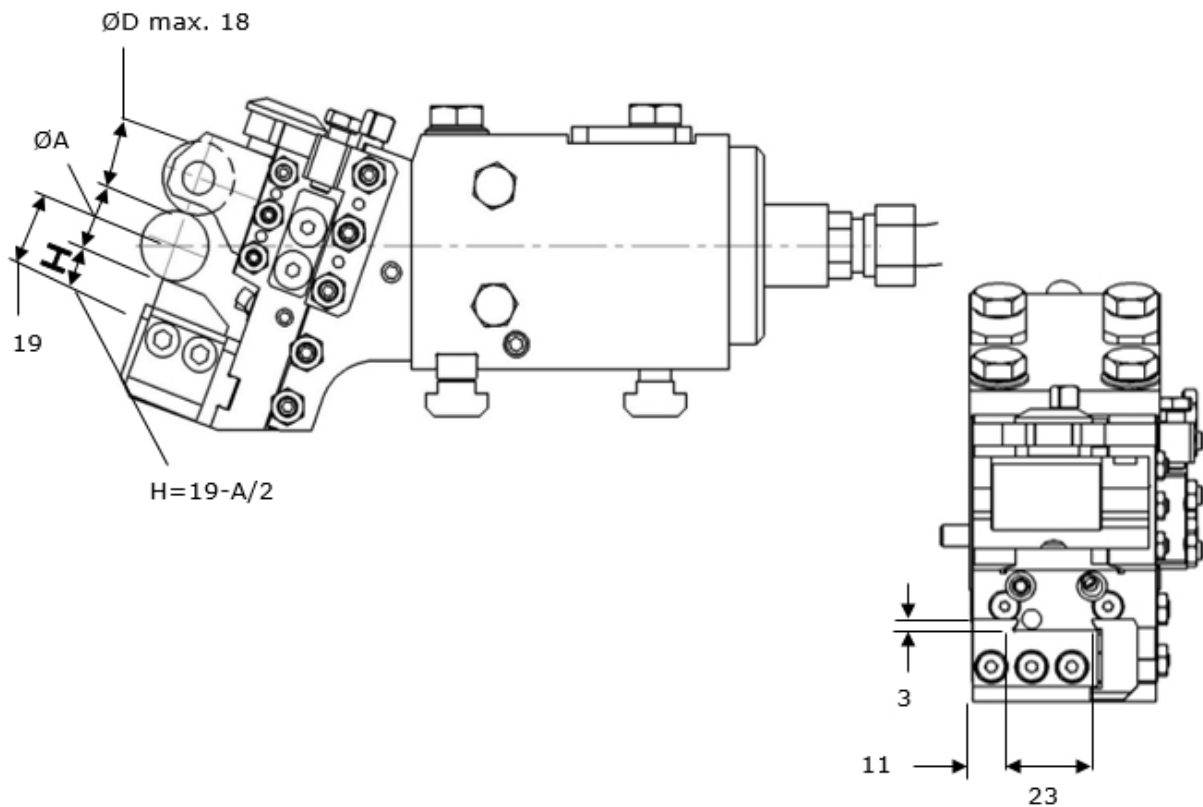
A max. = 16 mm

D max. = 18 mm

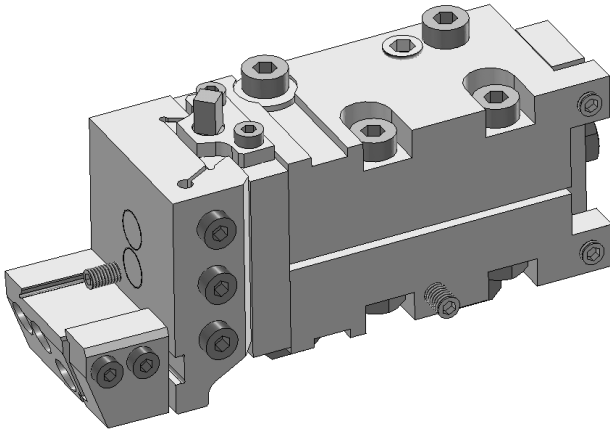
BS20 Lage 3-4-7

A max. = 16 mm

D max. = 18 mm



Tangential-Werkzeughalter

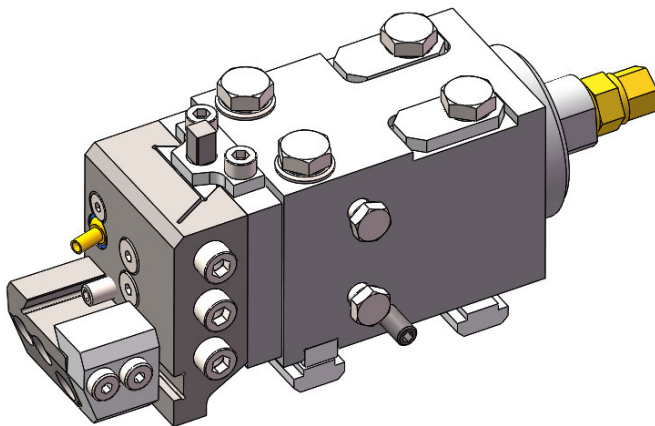


992000

AS14 - SAS16
Lage 2-3-4-5

BS20
Lage 2-3-4-5-6-7

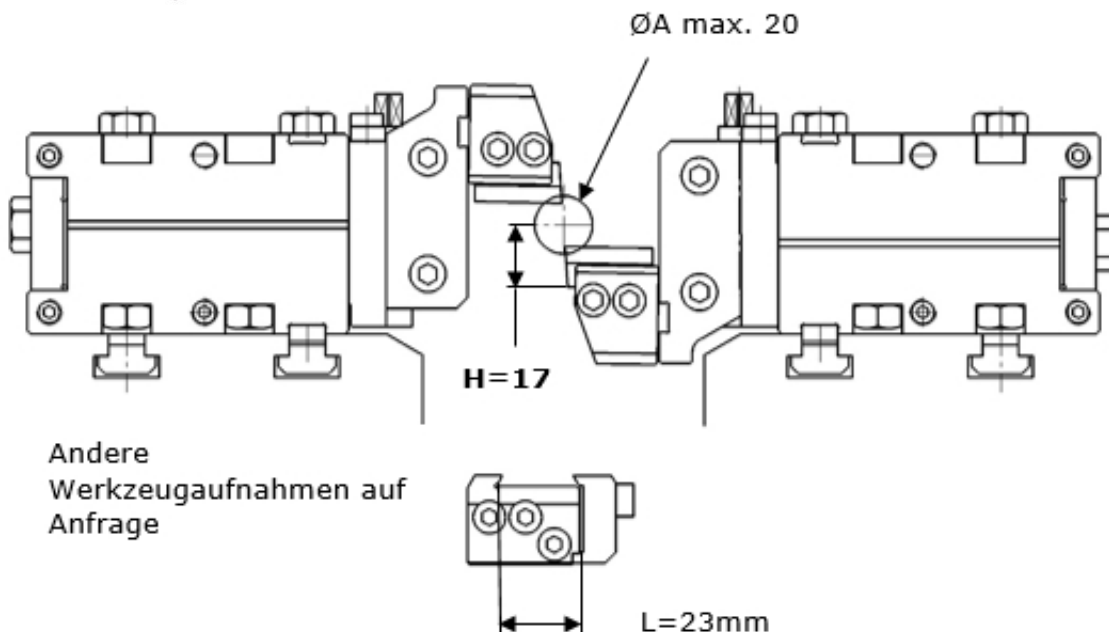
mit Kühlmittelanschluß



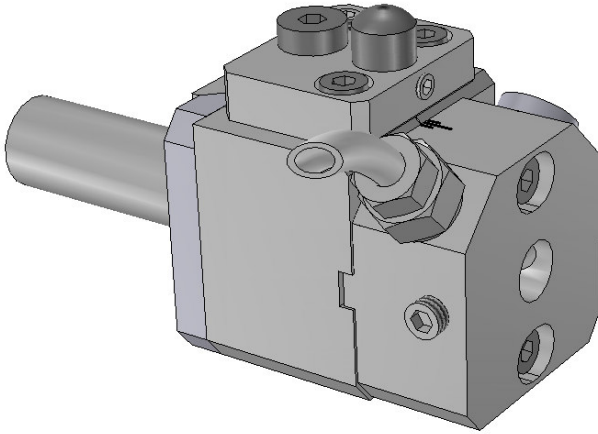
994000

AS14 - SAS16
Lage 2-3-4-5

BS20
Lage 2-3-4-5-6-7



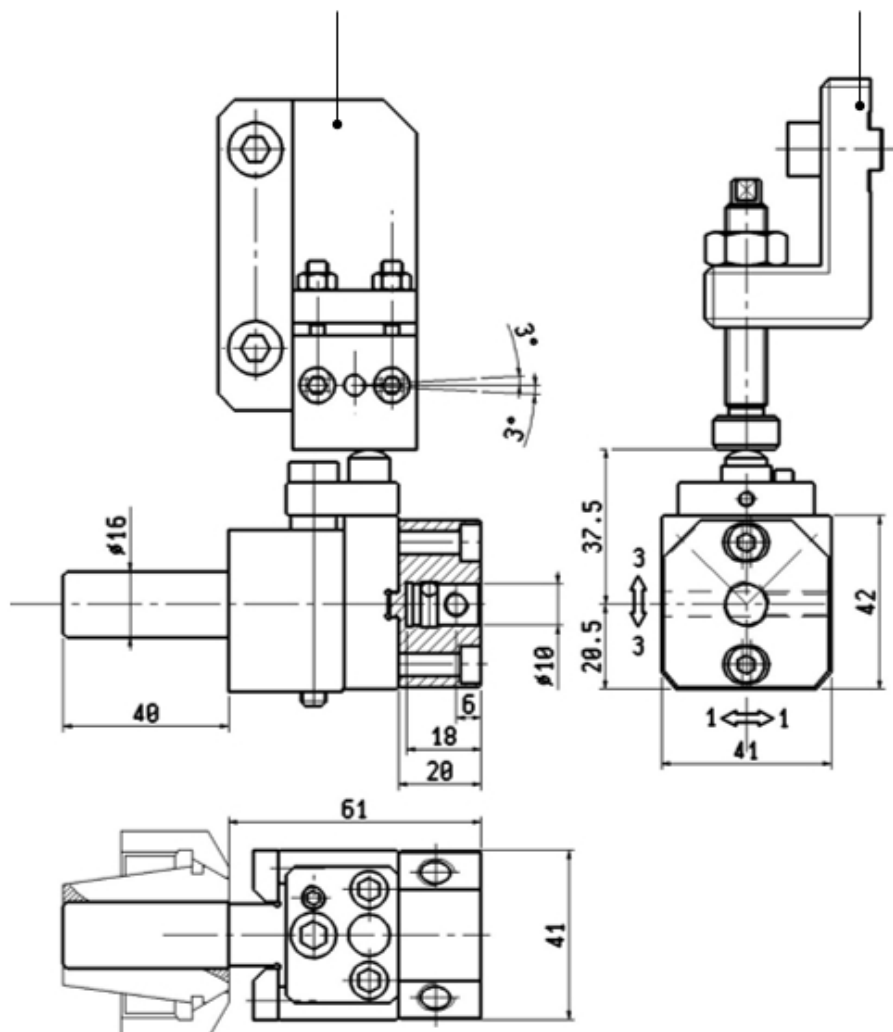
Einstech- und Plandrehchieber



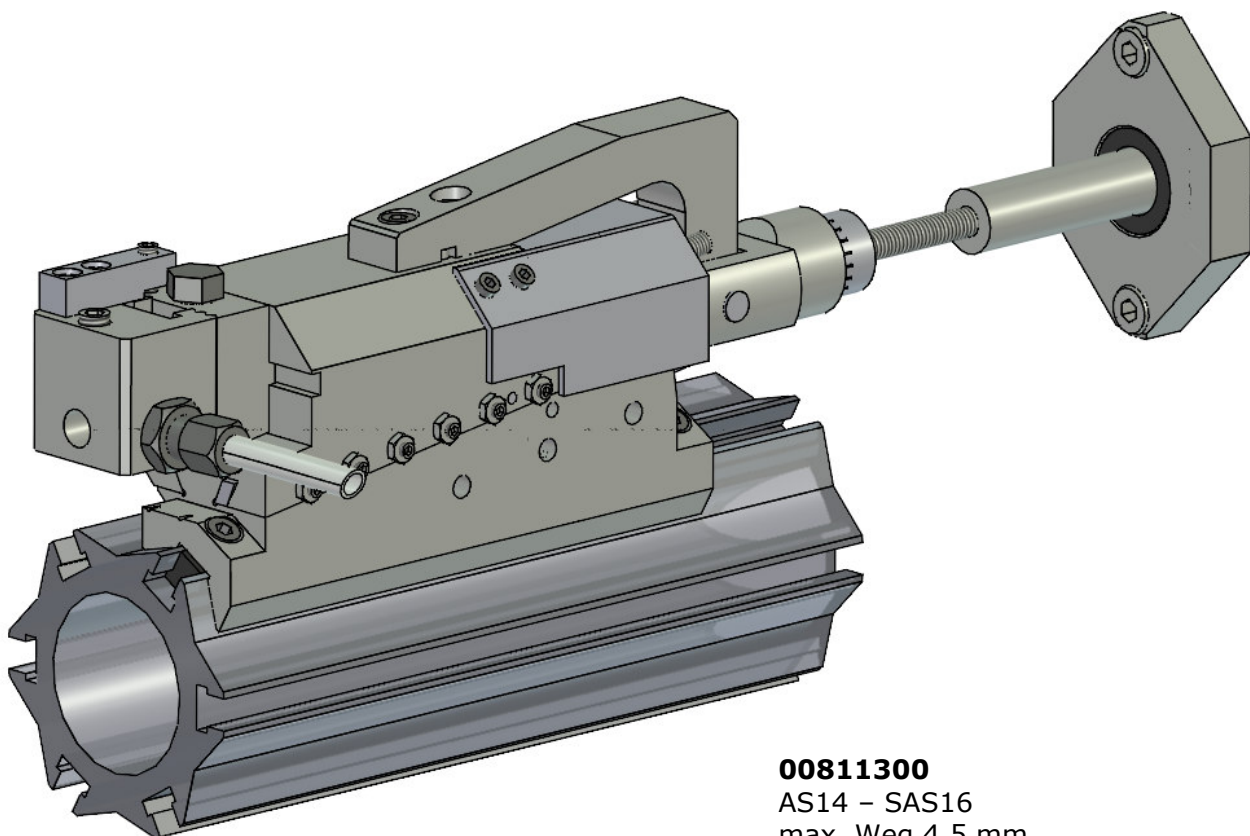
9513300
AS14 - SAS16
BS20

9514200
Andrückbock auf Anfrage

951500
Andrücklineal auf Anfrage



Einsteichschieber 8°



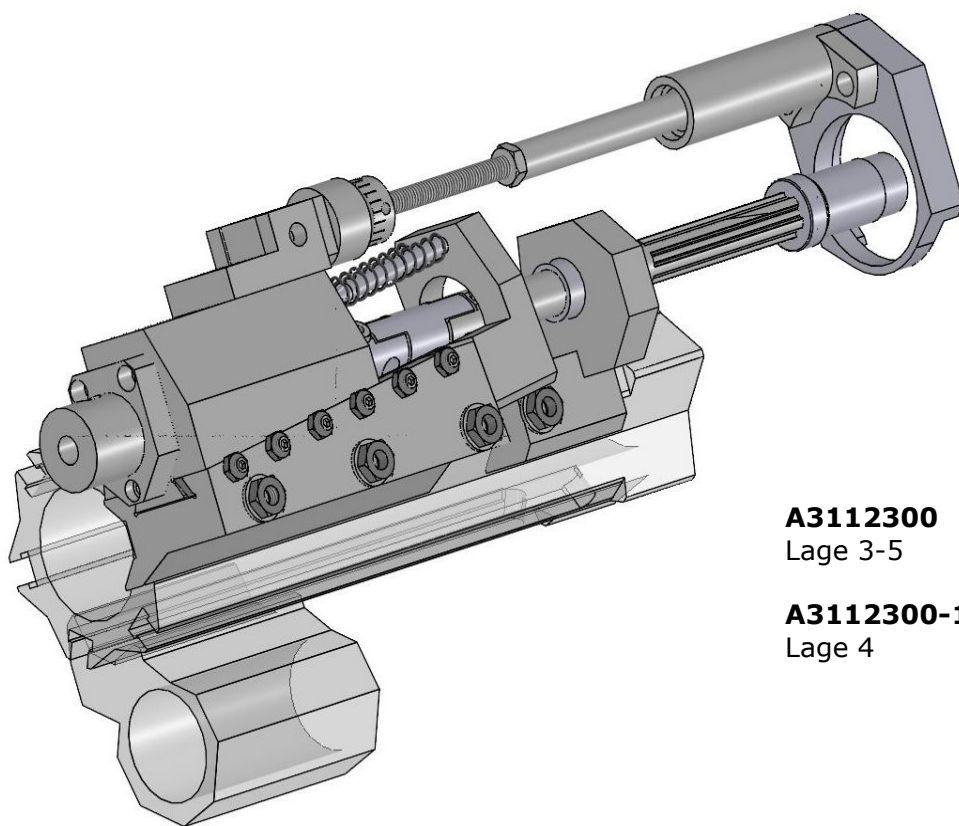
00811300

AS14 – SAS16

max. Weg 4,5 mm

Durchmesser Werkzeughalter 10 mm

Innenfräseinrichtung 6° für AS14 - SAS16



A3112300

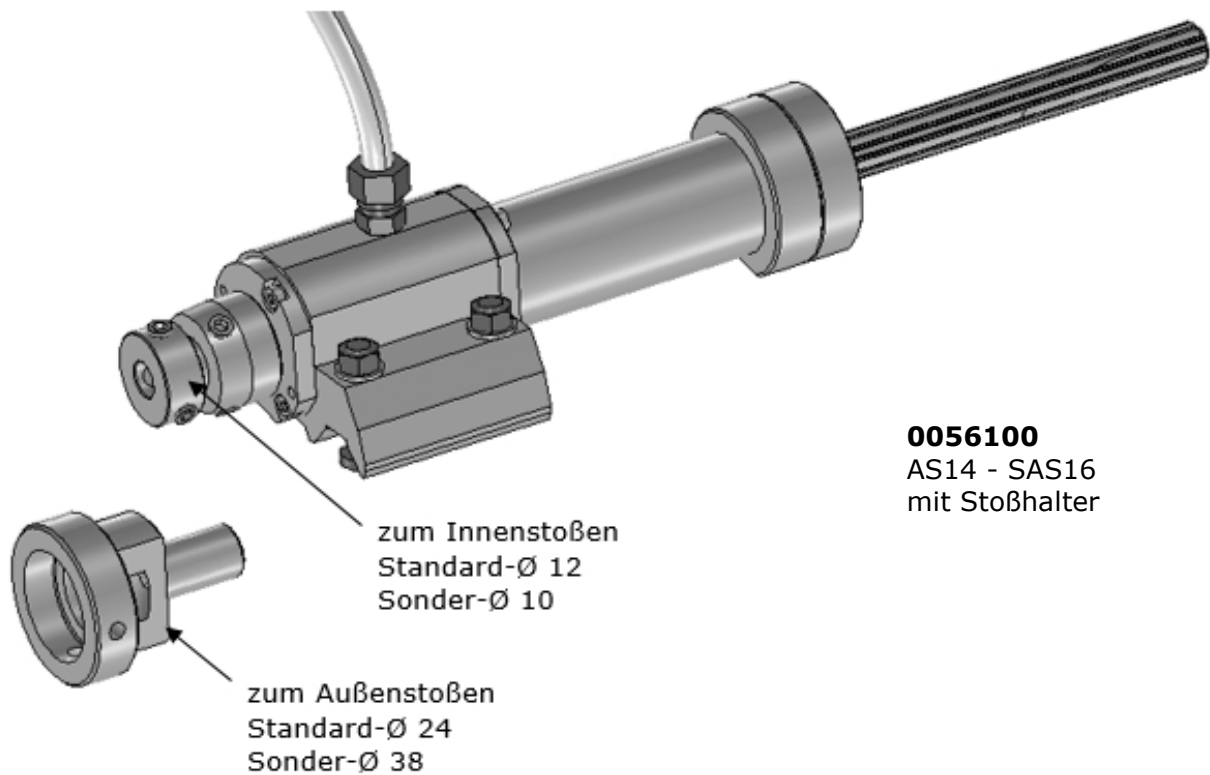
Lage 3-5

A3112300-1

Lage 4

max. Radialweg 3.5 mm
Werkzeugaufnahme Ø 10 mm

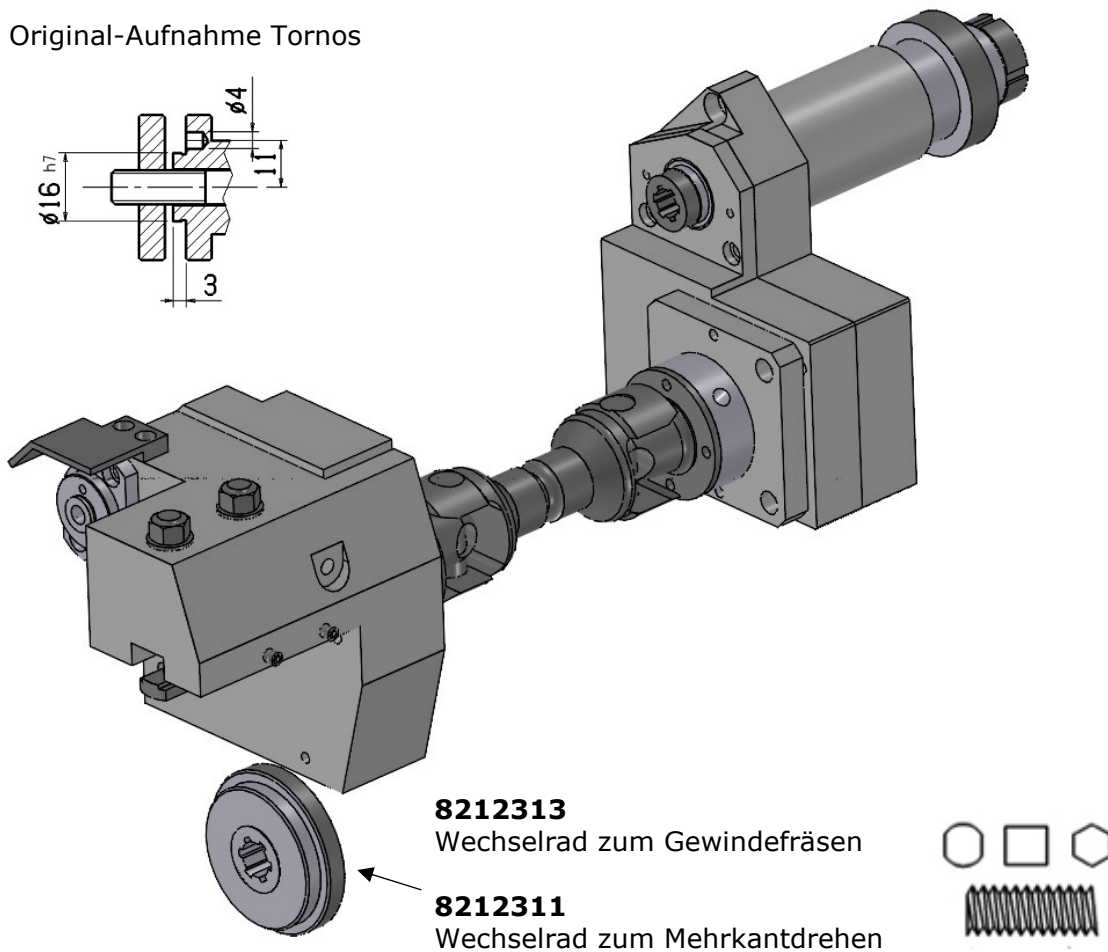
Profilstoßeinrichtung 1°



0056100
AS14 - SAS16
mit Stoßhalter

Mehrkantdreh- und Gewindefräseinrichtung

Original-Aufnahme Tornos



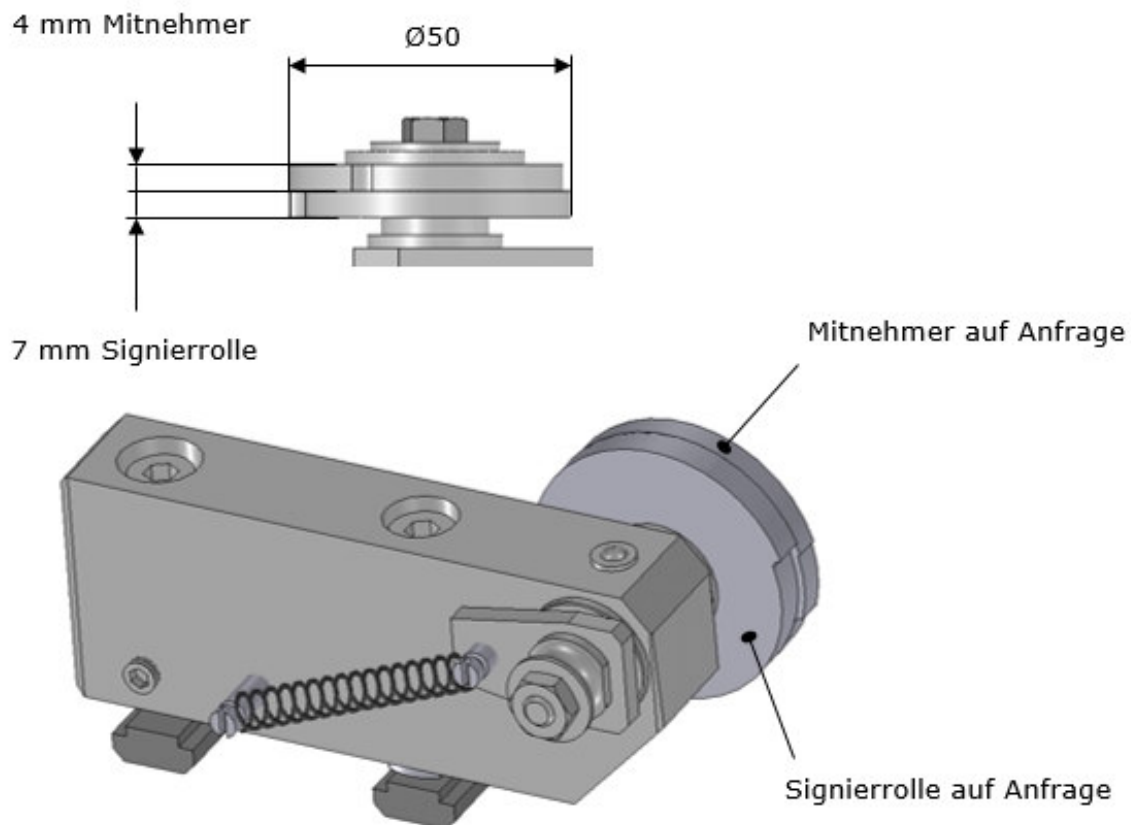
8212300

AS14 - SAS16 Lage 3
inkl. Wechselrad

8212500

AS14 - SAS16 Lage 2
inkl. Wechselrad

Signiereinrichtung



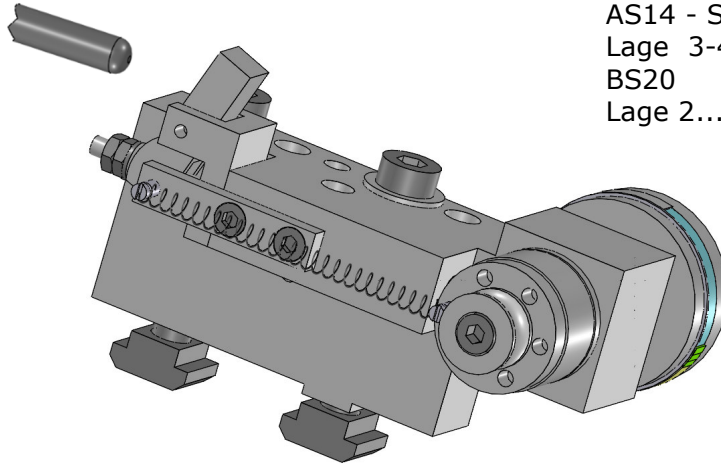
7514600

AS14 - SAS16
BS20

Lage 3-4
Lage 2....7

Signiereinrichtung mit Rückstellung

Andruckstift wird
nicht mitgeliefert



7511100

AS14 - SAS16

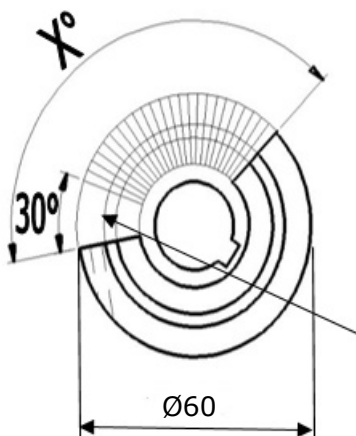
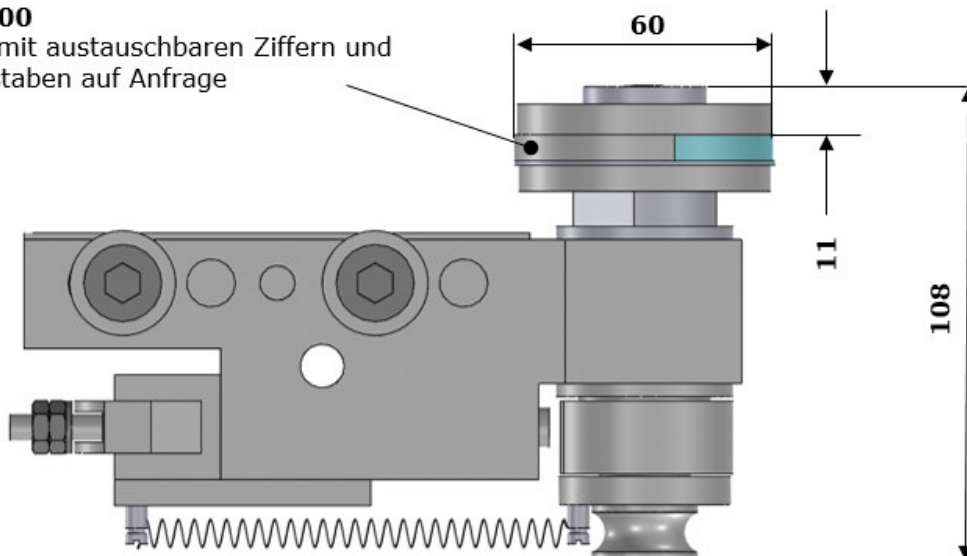
Lage 3-4

BS20

Lage 2....7

756800

Rolle mit austauschbaren Ziffern und
Buchstaben auf Anfrage



Mitnehmer
755903

H=2 X°=145° max. 29 Lettern
 X°=115° max. 23 Lettern

H=2,5 X°=145° max. 29 Lettern
 X°=115° max. 23 Lettern

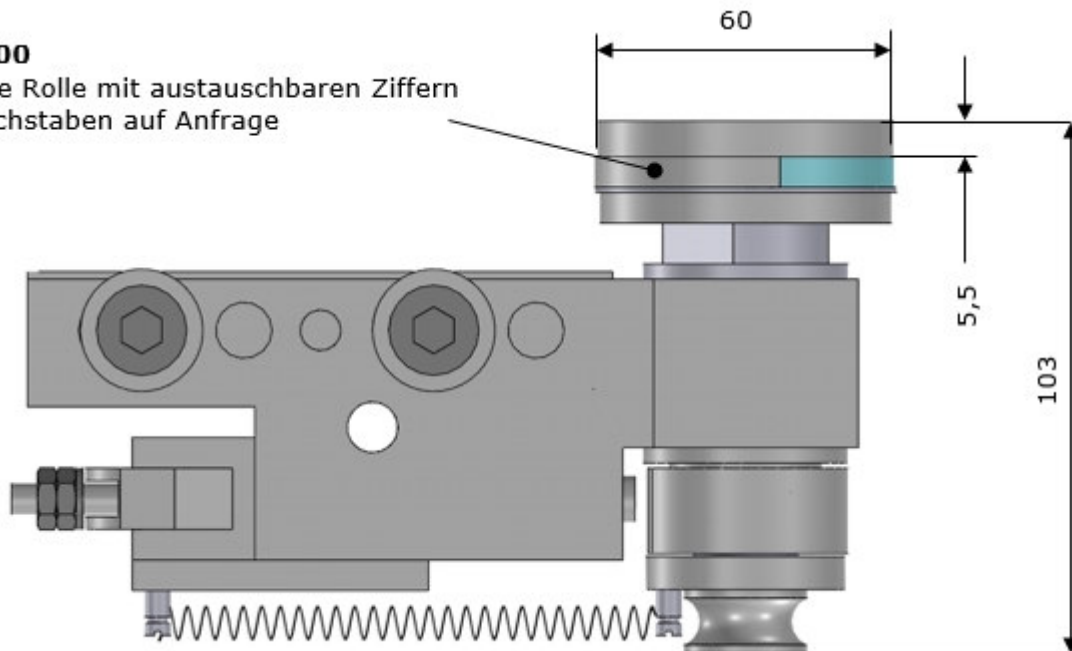
H=3 X°=145° max. 25 Lettern
 X°=115° max. 20 Lettern

H=4 X°=145° max. 18 Lettern
 X°=115° max. 15 Lettern

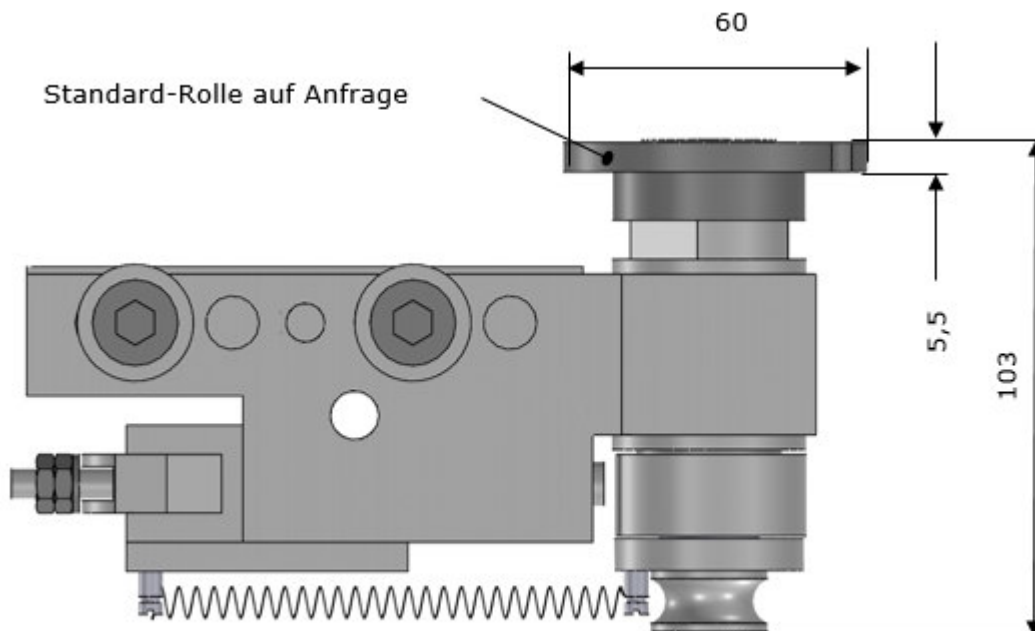
Signiereinrichtung mit Rückstellung

7511500

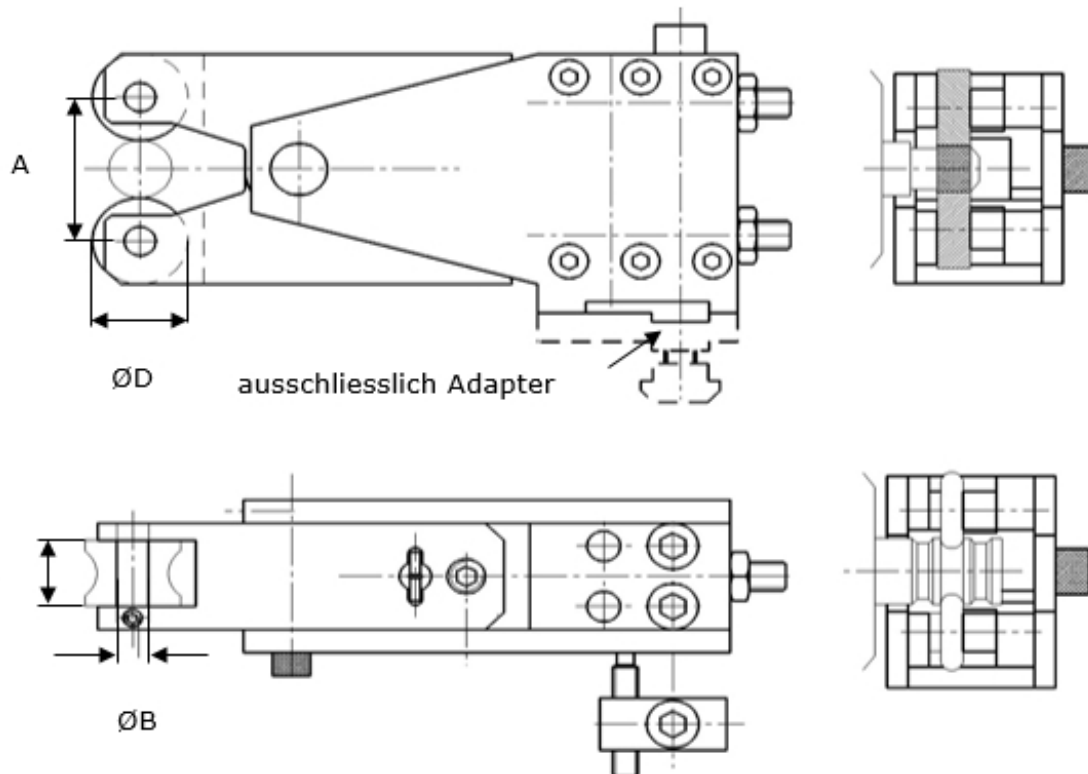
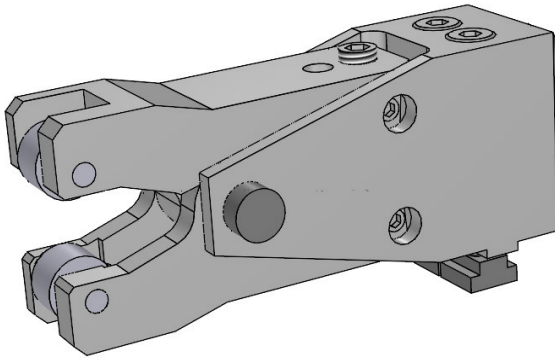
Schmale Rolle mit austauschbaren Ziffern und Buchstaben auf Anfrage



Standard-Rolle auf Anfrage

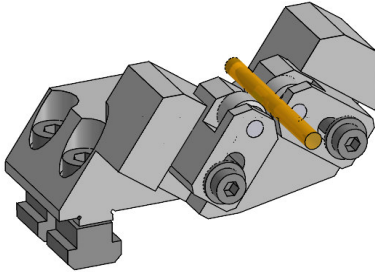


Rändel- und Glättwerkzeuge

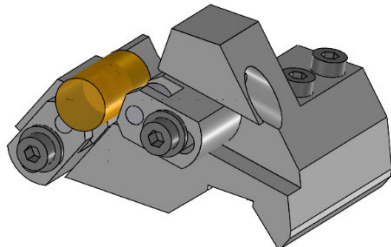


Modell und Lage	Art.-Nr.	Adapter	A max.	Ø D max.	Ø B	L
SAS16-AS14 Lage 1-2-3-4	778500	-	24	15	4	11
SAS16-AS14 Lage 4 mit Spezial-Hebel mit 36-mm- Weg	770100-1	7711100	40	23	6	16
BS20 Lage 1-2-3-4-5-6-7	778500	-	24	15	4	11
BS20 Lage 5-6-7	770100-1	7711100	40	23	6	16

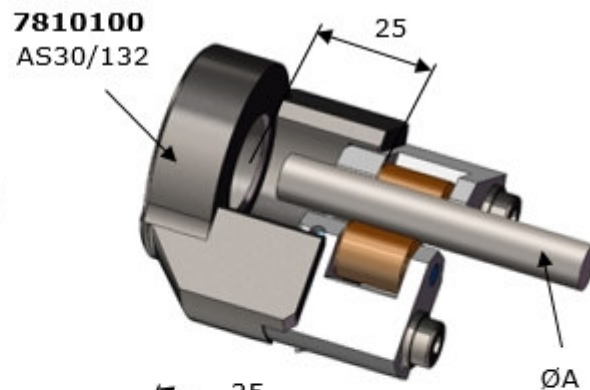
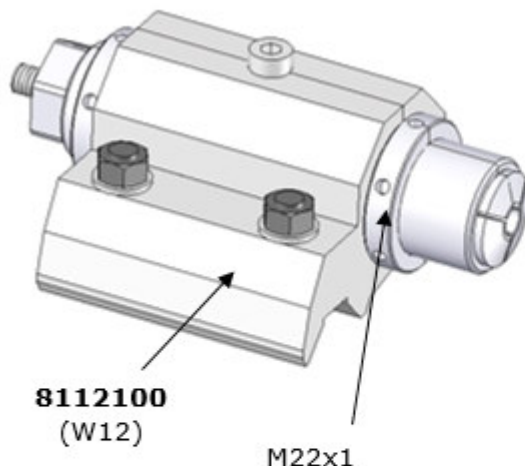
Rollen gegenführungen



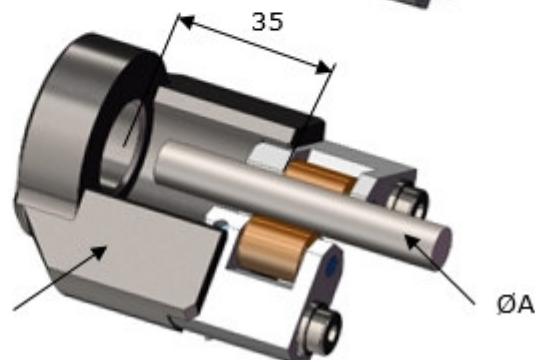
Modell	Art.-Nr.	Lage	Ø A max.	Ø A min.
BS 20	787000	1-2	16	4



Modell	Art.-Nr.	Lage	Ø A max.	Ø A min.
AS14-SAS 16	788900	1-2	13	3,5
	789000	3-4	13	3,5
	789100	5	13	3,5

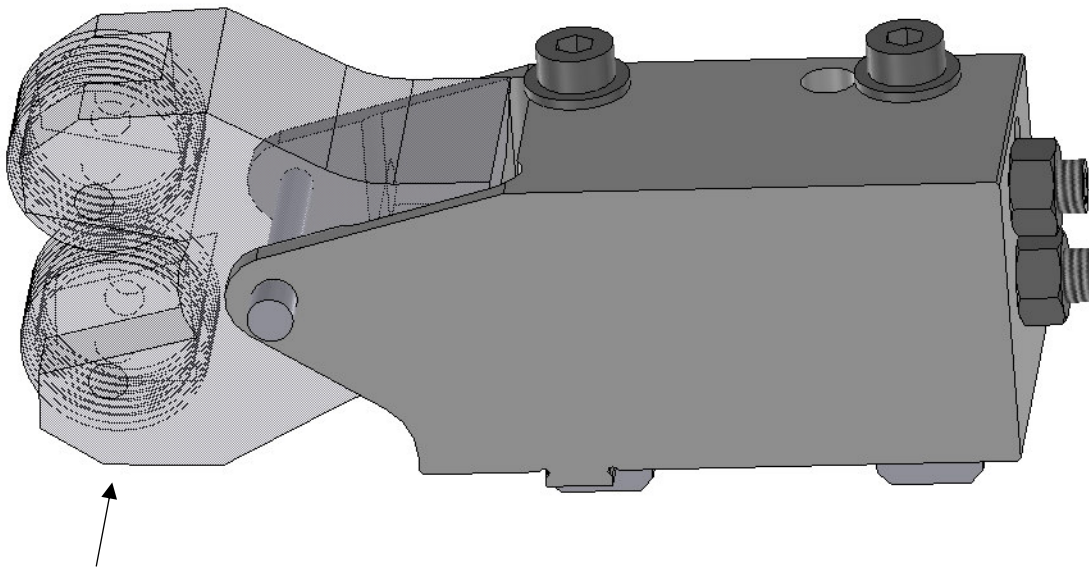


7810000
AS30/133



Modell	Art.-Nr.	Lage	Ø A max.	Ø A min.
SAS 16-AS14	7810000	1-2-3-4-5	12,5	3,5
SAS 16-AS14	7810100	1-2-3-4-5	12,5	3,5

Grundhalter für Rollköpfe



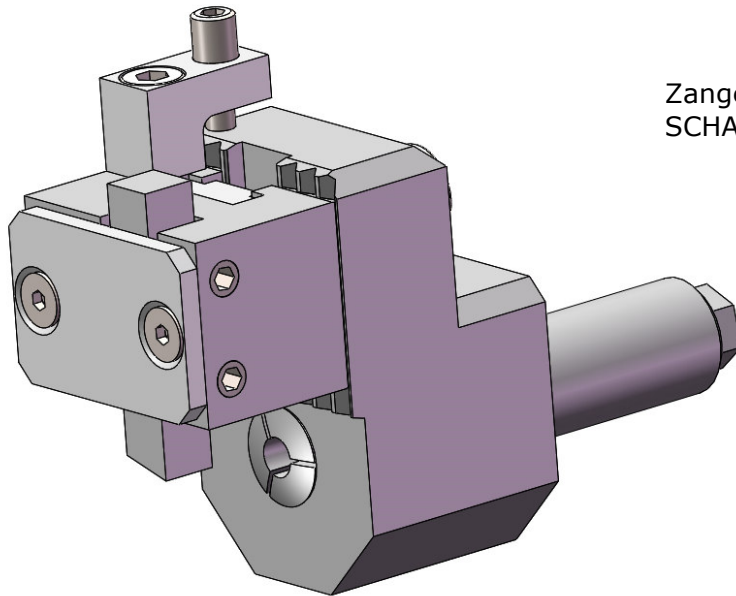
Rollkopf nicht im Lieferumfang enthalten

Modell	Lage	Art.-Nr.	Rollkopf
SAS16-AS14	4-5	911700	FETTE T12
BS 20	5-6-7	912400	FETTE T18

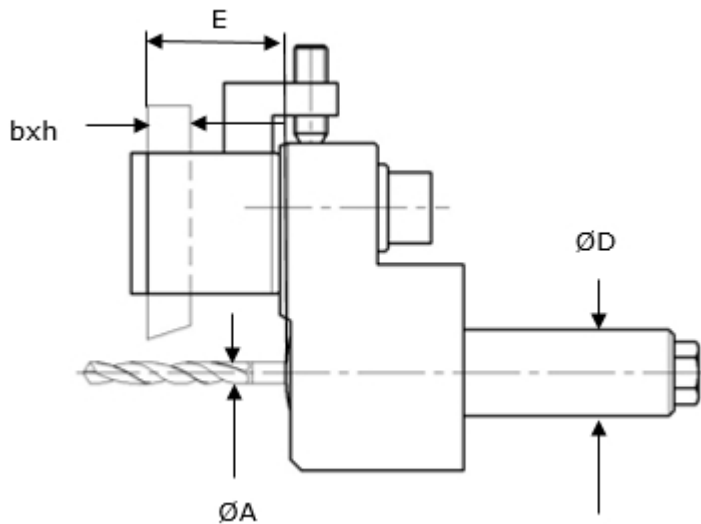
Bohr- und Drehhalter mit Zangen Schaublin

981200

AS14 - SAS16 - BS20

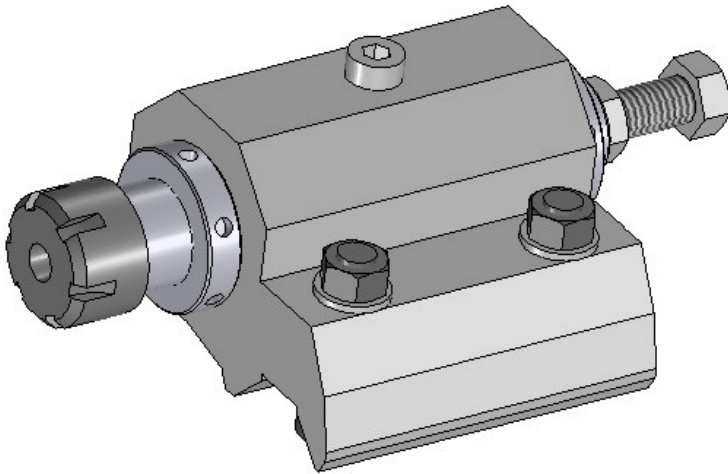


Zangen auf Anfrage
SCHAUBLIN 78-228 Ø max. 5,6



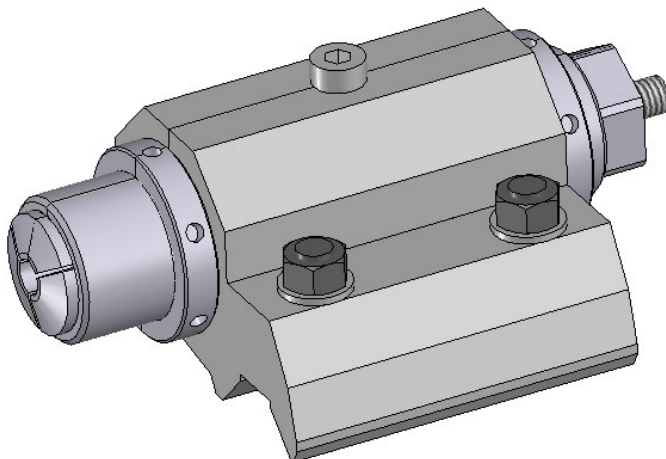
ØD	E	bxh	ØA	Zangen
16	25,5	8x8	5,6	SCHAUBLIN 78-228

Bohrerhalter AS14 - SAS16



ausschliesslich Zangen

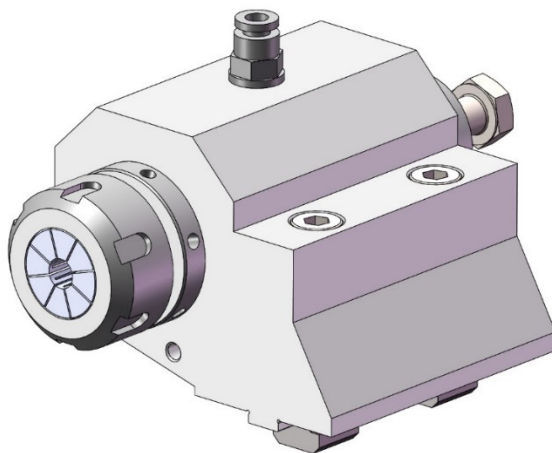
Art.-Nr.	Zange	Modell
8111800	ER16 (Gewinde M22x1,5 Typ REGO-FIX)	AS27/26
8111800-1	Schaublin ES16 61-16769 (Gewinde M22x1,25)	AS27/26
8113100	ER25	AS27/3-1



ausschliesslich Zangen

Art.-Nr.	Zange	Modell
8112000	SCHAUBLIN W20	AS27/29
8112100	SCHAUBLIN W12	AS27/3

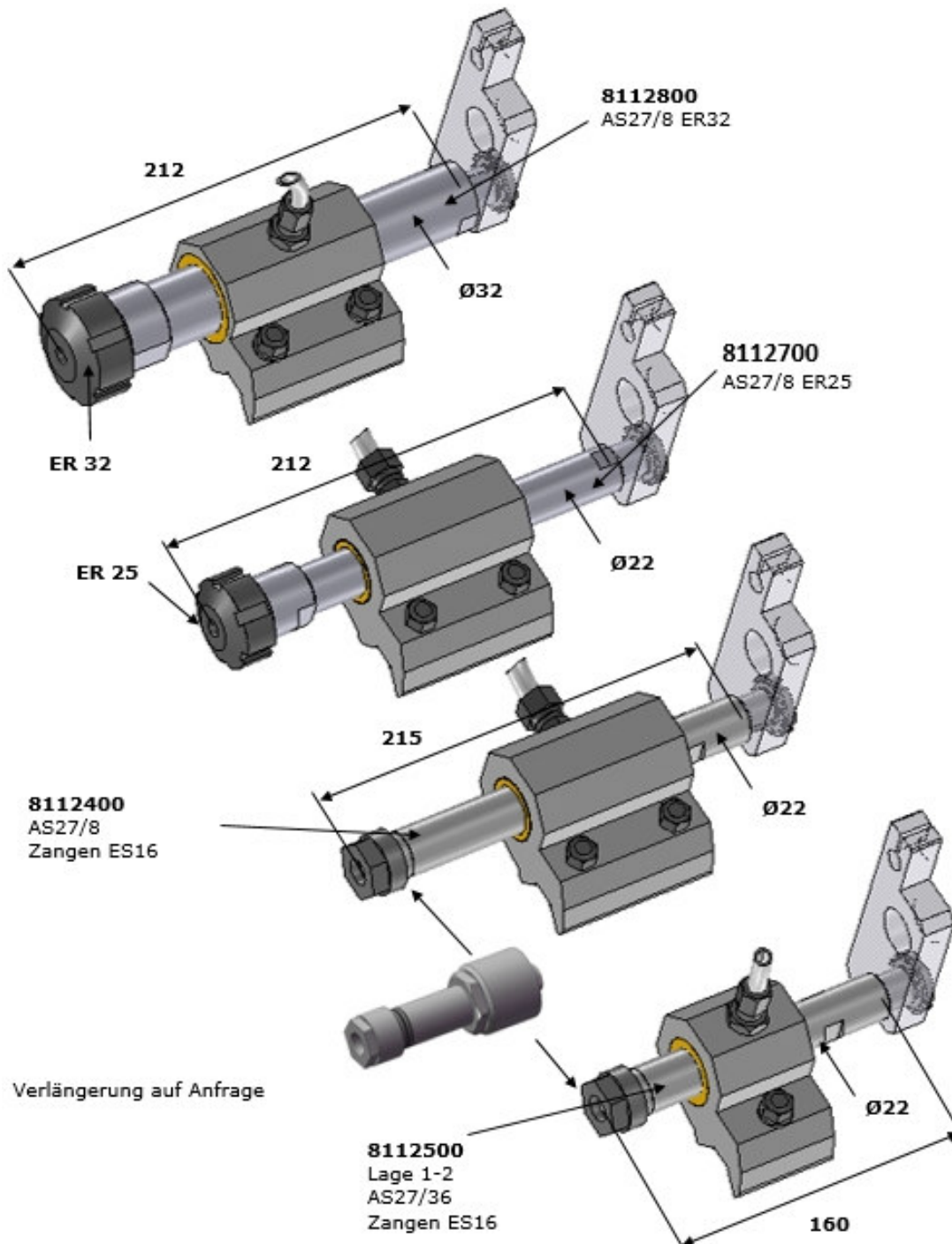
Bohrerhalter mit Innenkühlung BS20



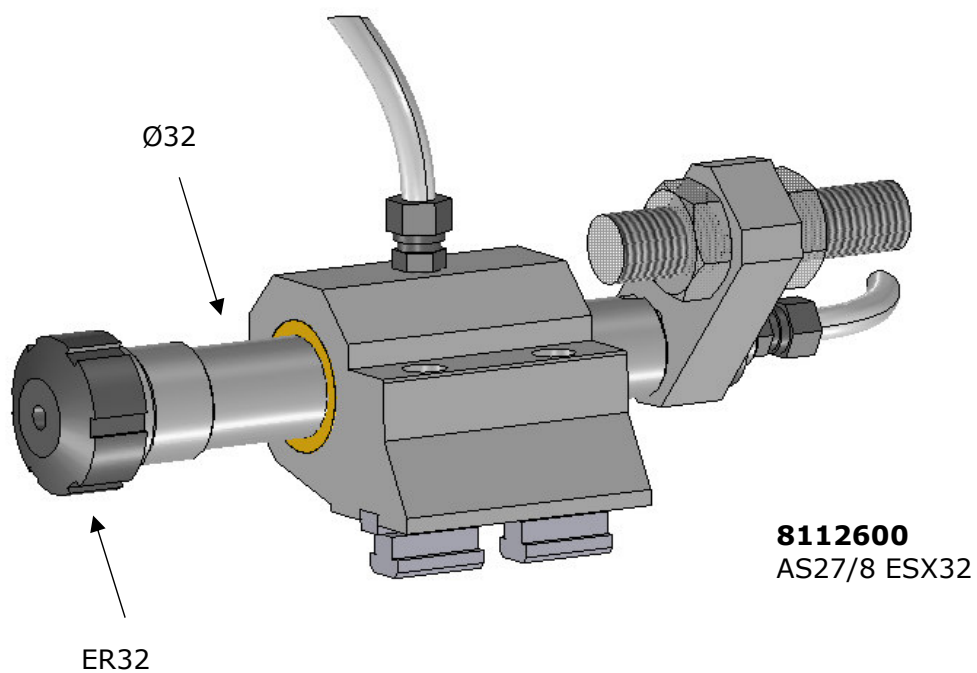
ausschliesslich Zangen

Art.-Nr.	Zange	Modell
8113800	ER25	BS27/3 ER25

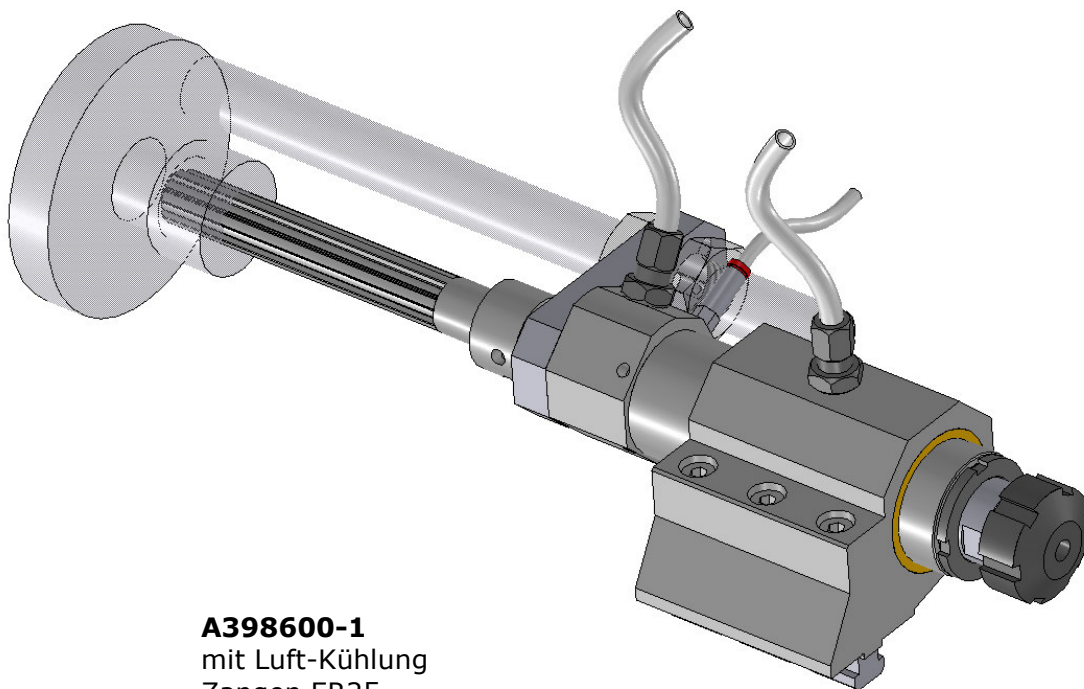
Unabhängige Spindel mit Innenkühlung AS14 - SAS16



Unabhängige Spindel mit Innenkühlung BS20



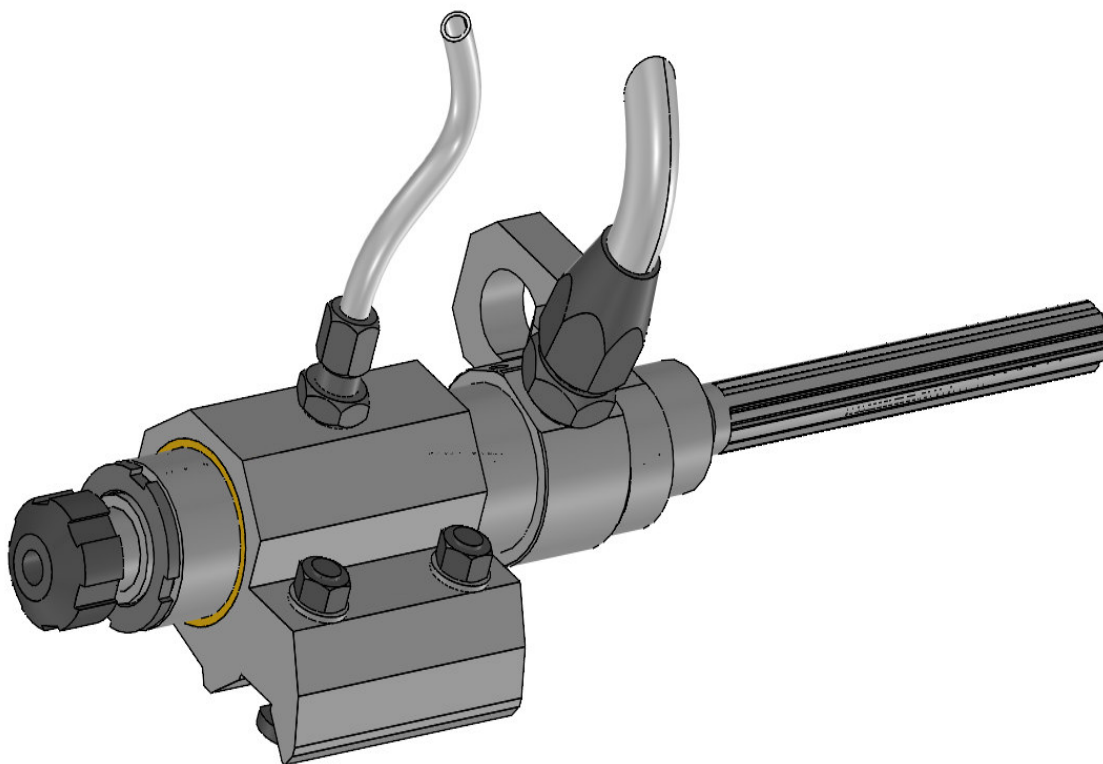
Unabhängige Spindel mit Innenkühlung BS20



A398600-1
mit Luft-Kühlung
Zangen ER25

A398600-2
mit Standard-Öl-Kühlung
Zangen ER25

**Unabhängige drehende Spindel mit Innenkühlung
AS14-SAS16**



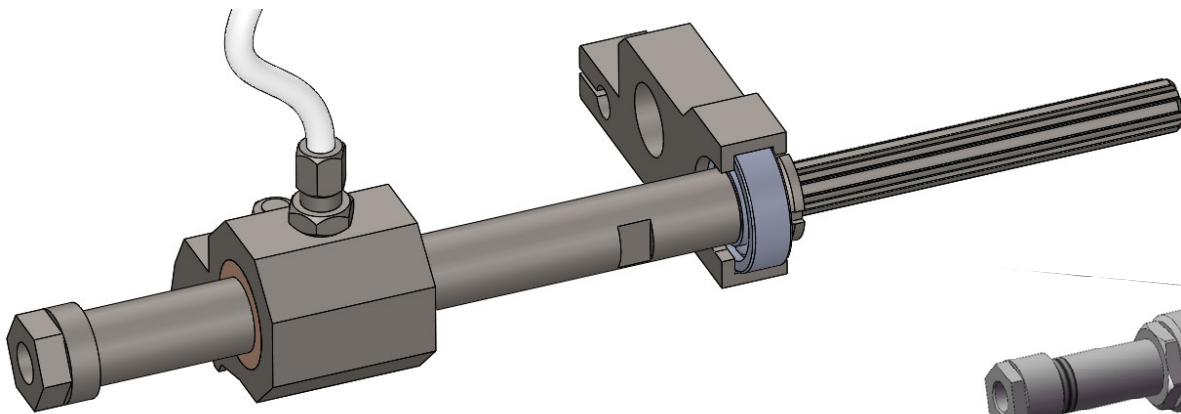
A399600

Zangen ER16 (Muttern Typ REGO FIX)

A399600-1

Zangen ES16 (Muttern SCHAUBLIN 61-16769)
mit Verlängerung

Unabhängige drehende Spindel AS14-SAS16

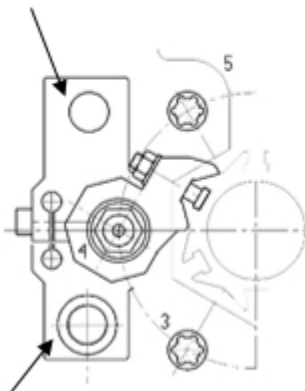


A3914600
AS27/1

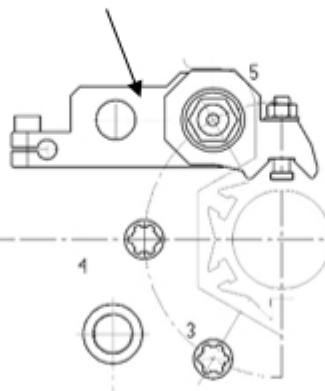
Verlängerung auf Anfrage

Gabeln für drehende Spindeln auf Anfrage:

A3914606
AS28127-1
Lage 4-5



A3914605
AS28125-1
Lage 5

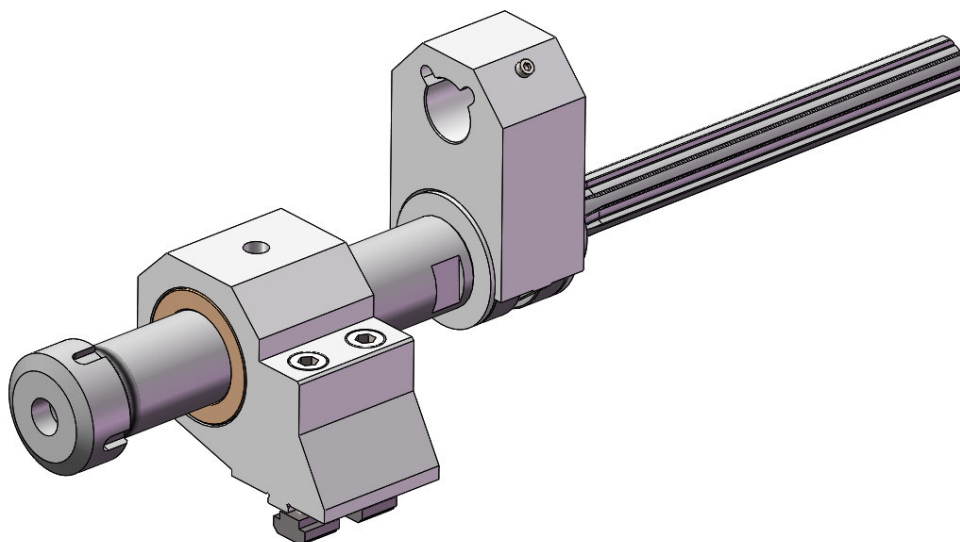


A3914607
AS28161-1
Lage 4-5 (doppelt)



A3914609
AS28129-1
Lage 3-4

Unabhängige drehende Spindel BS20



A3915900
BS27/1 ESX25
Zangen ER25

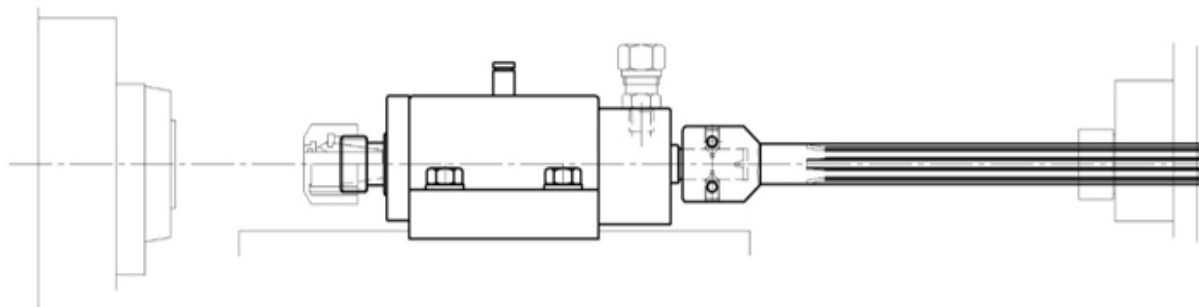
Schnellbohrspindel mit Innenkühlung AS14-SAS16

A399700

Zangen ER16 (Muttern Typ REGO FIX)

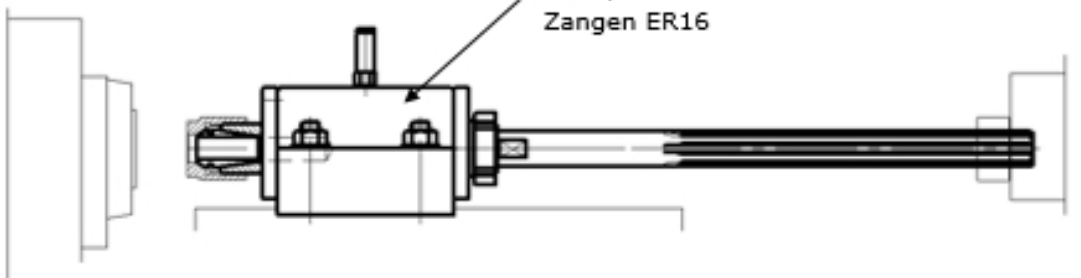
A399700-1

Zangen ES16 (Muttern SCHAUBLIN 61-16769)
mit Verlängerung

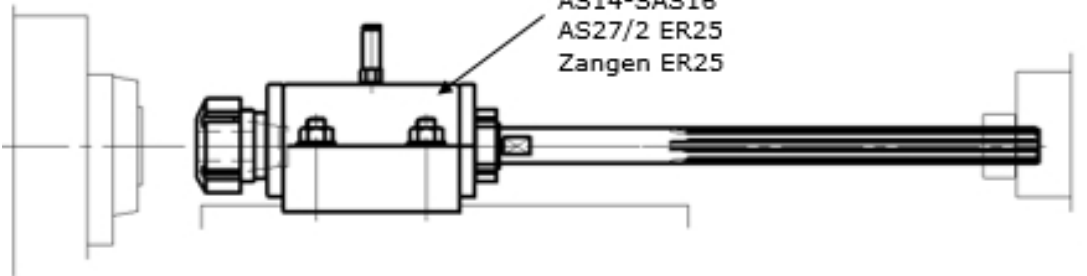


Schnellbohrspindel

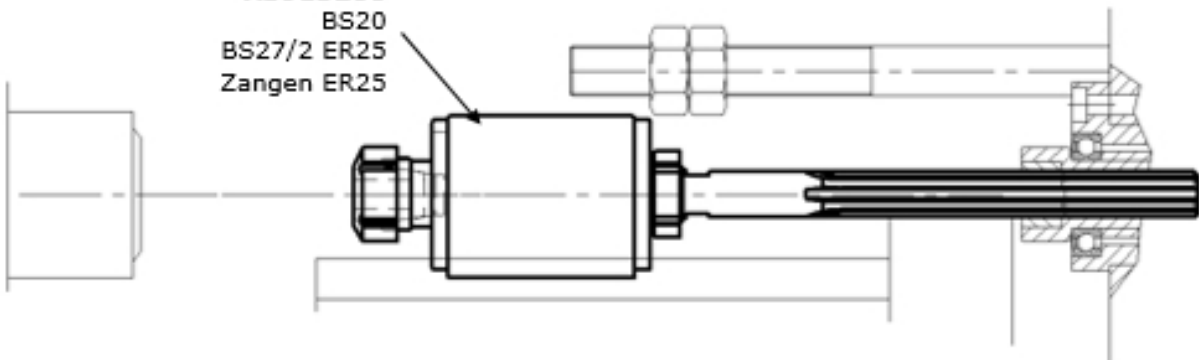
A3915000
AS14-SAS16
AS27/2
Zangen ER16



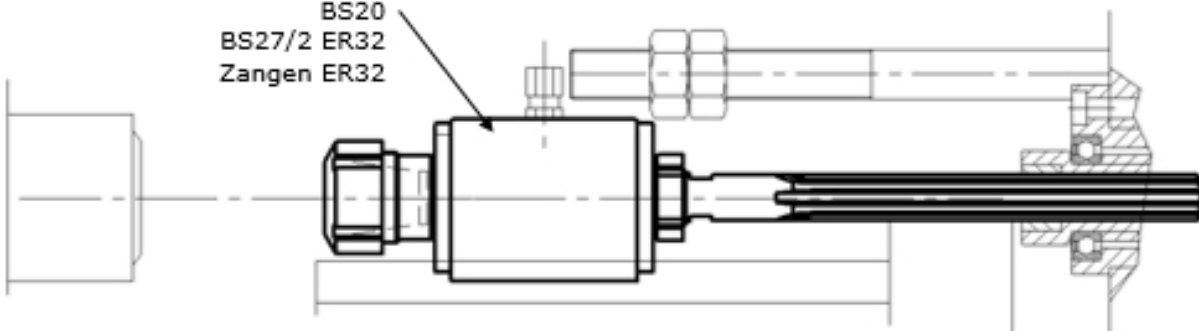
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AS14-SAS16
AS27/2 ER25
Zangen ER25



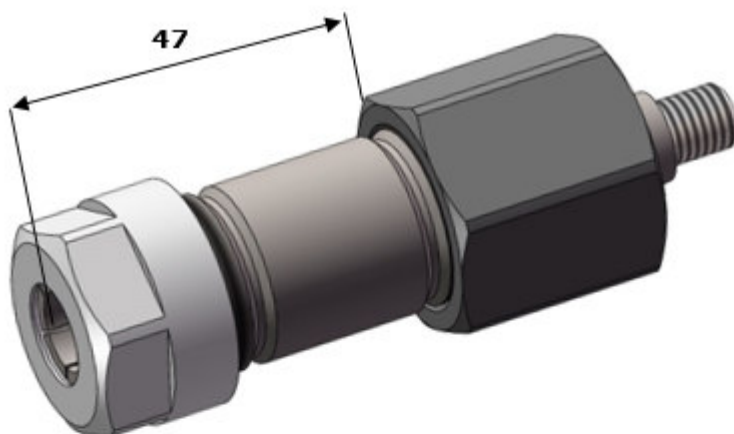
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BS20
BS27/2 ER25
Zangen ER25



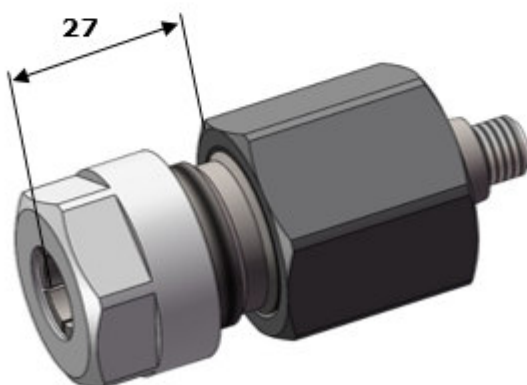
A3915300
BS20
BS27/2 ER32
Zangen ER32



**Verlängerungen für Muttern 61-16769 M22x1,25
mit Innenkühlung**



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